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SEQUENCE LISTING

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<120> NEUROPROTECTIVE IRON CHELATORS AND PHARMACEUTICAL COMPOSITIONS

COMPRISING THEM

<130> TECH-003 PCT

<150> US 60/424,313

<151> 2002-11-07

<150> US 60/

<151> 2003-09-22

<160> 14

<170> PatentIn version 3.1

<210> 1

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide: a segment of vasoactive intestinal peptide (VIP). Lys (position 1) is bound to Stearyl. Leu (position 4) is amidated.

<400> 1

Lys Lys Tyr Leu

1

<210> 2

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic peptide: a modification of peptide of SEQ ID NO: 1. Lys (position 1) may be bound to stearyl or Fmoc. Leu (position 4) is amidated.

<400> 2

Lys Lys Cys Leu

1

<210> 3

<211> 10

<212> PRT

<213> Human

<220>

<221> MOD\_RES

<222> (1)..(10)

<223> Natural gonadotropin-releasing hormone (GnRH). Pro (position 1) is 5-oxo-Pro. Gly (position 10) is amidated.

&lt;400&gt; 3

Pro His Trp Ser Tyr Gly Leu Arg Pro Gly  
1 5 10

&lt;210&gt; 4

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic peptide: a modification of the GnRH peptide of SEQ ID NO:3. Pro (position 1) is 5-oxo-Pro.Gly (position 10) is amidated

&lt;400&gt; 4

Pro His Trp Ser Cys Gly Leu Arg Pro Gly  
1 5 10

&lt;210&gt; 5

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic peptide: a modification of the GnRH peptide of SEQ ID NO: 3. Pro (position 1) is 5-oxo-Pro. Cys (position 6) is D-Cys. Gly (position 10) is amidated.

&lt;400&gt; 5

Pro His Trp Ser Tyr Cys Leu Arg Pro Gly  
1 5 10

&lt;210&gt; 6

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;220&gt;

&lt;221&gt; MOD\_RES

&lt;222&gt; (11)..(11)

&lt;223&gt; Natural Substance P peptide. Met (position 11) is amidated.

&lt;400&gt; 6

Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met  
1 5 10

&lt;210&gt; 7

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic peptide: a modification of Substance P peptide of SEQ ID NO: 6. Met (position 11) is amidated.

&lt;400&gt; 7

Arg Pro Lys Pro Gln Cys Phe Gly Leu Met  
1 5 10

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<210> 8  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide: a modification of Substance P peptide of SEQ ID NO: 6. Met (position 11) is amidated.

<400> 8

Arg Pro Lys Pro Gln Gln Phe Cys Gly Leu Met  
1 5 10

<210> 9  
<211> 5  
<212> PRT  
<213> Human

<400> 9

Tyr Gly Gly Phe Met  
1 5

<210> 10  
<211> 5  
<212> PRT  
<213> Human

<400> 10

Tyr Gly Gly Phe Leu  
1 5

<210> 11  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide: a modification of Met(5)-enkephalin peptide of SEQ ID NO: 9.

<400> 11

Tyr Gly Gly Cys Met  
1 5

<210> 12  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide: a modification of Met(5)-enkephalin peptide of SEQ ID NO: 9.

<400> 12

Cys Gly Gly Phe Met  
1 5

<210> 13  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide: a modification of Leu(5)-enkephalin peptide of  
SEQ ID NO: 10.

<400> 13

Tyr Gly Gly Cys Leu  
1 5

<210> 14  
<211> 5  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic peptide: a modification of Leu(5)-enkephalin peptide of  
SEQ ID NO: 10.

<400> 14

Cys Gly Gly Phe Leu  
1 5